Application No. 09/972,268 RCE dated 01 April 2004 Response to Office Action of 03 Oct 2003

Amendments to the Specification:

Please replace the paragraph beginning at page 6, line 15, with the following rewritten paragraph:

-- Particularly conserved regions and amino acid residues common to nectin polypeptides were identified by aligning nectin polypeptide sequences with each other and additional closely-related members of the nectin-Ig superfamily of proteins. The amino acid sequence of nectin-3 α and nectin-4 (SEQ ID Nos: 6 and 24) were compared with the amino acid sequences of other nectin and Ig family members (SEQ ID NO:20, 22, and 25), using a multiple sequence alignment program. The alignment of these sequences is shown in Table 2, and includes consensus residues (capitalized), which are identical among at least a majority [(three)] of the [five] amino acid sequences in the alignment. [In addition, lower case residues are shown on a separate line of Table 2 and represent residues that are not consensus residues, but are identical between human nectin-3 α and human nectin-4 (SEQ ID Nos: 6 and 24).] - -

Please replace Table 2 beginning at page 7, line 7, with the following rewritten Table:

Table 2
Conserved Nectin Amino Acids

(Hs=Homo sapiens)
(Mus=Murine)

(Mus=Murine)	
HUNECTIN2 (SEQ ID NO:22) HUCD155 (SEQ ID NO:25) HUNECTIN1 (SEQ ID NO:20) HUNECTIN3 (SEQ ID NO:6) HUNECTIN4 (SEQ ID NO:24) consensus	MARAAALLPS RSPPTPLLWP LLLLLLL MARAMAAWP LLLVALLVLS MARTLRPSPL CPGGGKAQLS SASLLGAGLL LQPPTPPPLL LLLFPLLFS MARTLRPSPL CPGGKAQLS AEMWGPEAWL LLLLLASFT P W LLL LL
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	100ETGAQDVR VQVLPEVRGQ LGGTVELPCH L.LPPVPGLY ISLVTWQRPD WPPPGTGDVV VQAPTQVPGF LGDSVTLPCY LQVPNMEVTH VSQLTWAR FFLPGVHSQV VQVNDSMYGF IGTDVVLHCS FANP.LPSVK ITQVTWQK.S RLCGALAGP. IIVEPHVTAV WGKNVSLKCL IEVNET ITQISWEKIH GRCPAGE. LETSDVVTVV LGQDAKLPCF YRGDSGEQ VGQVAWARVD
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	101 APANHQNVAA FHPKMGPSFP SPKPGSERLS FVSAKQSTGQ DTEAELQDAT .HGESGSMAV FHQTQGPSYS ESKRLE FVAARLGAELRNAS TNGSKQNVAI YNPSMGVSVLAPYRERVE FLRPSFTDGT .GKSSQTVAV HHPQYGFSVQ .GEYQGRVL FKNYSLNDAT AGEGAQELAL LHSKYGLHVS .PAYEGRVE QPPPPRNPLDGS -g Q A H YG SV Y GRVE F DAT Q VA HP G SV Y RVE F DAT

HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	151 200 LALHGLTVED EGNYTCEFAT FPKGSVRGMT WLRVIAKPKN QAEAQKVTF. LRMFGLRVED EGNYTCLFVT FPQGSRSVDI WLRVLAKPQN TAEVQKVQL. IRLSRLELED EGVYICEFAT FPTGNRESQL NLTVMAKPTN WIEGTQAVLR ITLHNIGFSD SGKYICKAVT FPLGNAQSST TVTVLVEPTV SLIKGPDSLI VLLRNAVQAD EGEYECRVST FPAGSFQARL RLRVLVPPLP SLNPGP.ALE L D EG Y C F T FP GS LRVLAKP N S E L L L ED EG Y C F T FP GS LRVLAKP N E L
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	250SQDPTT VALCISKEGR PPARISWLSS LDWEAKETQV SGTLAGTVTVTGEPVP MARCVSTGGR PPAQITWHSD LGGMPNTSQV PGFLSGTVTV AKKGQDDKVL VATCTSANGK PPSVVSWETR LKGEARVPGD SGTPMAPVTV DGGNETV AAICIAATGK PVAHIDWEGD LGEMESTT TSFPNETATI EGQGLTL AASC.TAEGS PAPSVTWDTE VKGTTSSR SFKHSRSAV T AA C SA G PPA I W L G S SG TVTV T A C SA G PPA I W L G S SG TVTV
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	251 TSRFTLVPSG RADGVTVTCK VEHESFEE PALIPVTLSV RYPPEVSISG TSLWILVPSS QVDGKNVTCK VEHESFEK PQLLTVNLTV YYPPEVSISG ISRYRLVPSR EAHQQSLACI VNYHMDRFKESLTLNV QYEPEVTIEG ISQYKLFPTR FARGRRITCV VKHPALEK DIRYSFILDI QYAPEVSVTG TSEFHLVPSR SMNGQPLTCV VSHPGLLQ DQRITHILHV SFLAEASVRG TS LVPSR A G TC V Hp FE d r iL V Y PEVSI G TS LVPSR A G TC V H FE L V Y PEVSI G
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	350 Y.DDN.WYLG RTDATLSCDV RSNPEPTGYD WSTTSGTFPT SAVAQGSQLV Y.DNN.WYLG QNEATLTCDA RSNPEPTGYN WSTTMGPLPP FAVAQGAQLL F.DGN.WYLQ RMDVKLTCKA DANPPATEYH WTTLNGSLPK GVEAQNRTLF Y.DGN.WFVG RKGVNLKCNA DANPPPFKSV WSRLDGQWPD GLLASDNTLH LEDQNLWHIG REGAMLKCLS EGQPPPSYN. WTRLDGPLPS GVRVDGDTLG Y.D.N.WYLG R.GA.LKC A. NPPPTY WSTLGG LP G. AQG TL Y.D.N.WYLG R.A.L.C.A. NPPPTY WSTLG LP G. AQG TL
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	351 IH.AVDSLFN TTFVCTVTNA VGMGRAEQVI FVRETP IR.PVDKPIN TTLICNVTNA LGARQAELTV QVKEGP FKGPINYSLA GTYICEATNP IGTRSGQVEV NITEFPYTPS FVHPLTFNYS GVYICKVTNS LGQRSDQKVI YISDPPTTTT LQPTIQWHPS F.PPLTTEHS GIYVCHVSNE FSSRDSQVTV DVLDPQEDSG KQ F Plt s G YIC VTN G R Q V EPP q F P GTYIC VTN G R Q V EPP q
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	401 RAS PRDVG PLVWGAVGGT LLVLLLLAGG PSE HSGISRN AIIFLVLG ILVFLILLGI PPE HGRRAGPVPT AIIGGVAGSI LLVLIVVGGI TADIEDLATE PKKLPFPLST LATIKDDTIA TIIASVVGGA LFIVLVSVLA VVDLVSAS VVVVGVIAAL LFCLLVVVVV d II GV G LLVLLV G
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	451 SLAFILLRVR RRRKS .PGGAGGGAS GDGGFYDPKA QVLGNGDPVF GIYFYWSKCS REVLWHCHLC .PSSEHHQSC RN~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	.DEKKAGPLG .KKENKNP	G.SSYEEEEE .VNNLIRKDY	EEEEKAEKGL EEEGGGGER LEEPEKTQWN SEEPEGRSYS Eepe EE	KVGGPHPKYD NVENLNRFER	EDAKRPYFTV PMDYYEDLKM
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	GM.KFVSDEH	YDENEDDLVS	PEQLDLAENM HVDGSVI HFVQENGTLR	SRREWYV	~~~~~